

Community/Public Health

Associate in Science

Minimum of 61 credit hours

Public Health is a broad, multi-disciplinary field, and most professionals specialize at the graduate level. Other specialties within public health include maternal and child health, nutrition, health disparities, and veterinary public health. Additionally, some professionals choose interdisciplinary career paths that involve public health, such as MPH/RN, MPH/JD, MPH,MD, etc. A bachelor's degree opens the door for entry level opportunities in areas such as health education and promotion and environmental health. A master's degree is typically required for management, administration, research, policy development, biostatistics, and epidemiology.

COURSE SEQUENCE

Course ID	Course Name	Credits	Type	Min GD
Term 1				
SCL 1001	Success in College and Life Students will learn best practices for academic, career, and personal success. Students will discover their individual strengths, interests, and values to create a personalized plan; select and utilize resources that are applicable to their growth and success; and engage as active and responsible members of the academic community. This course should be taken during a student's first semester of college work at Oklahoma City Community College and is a required course in degree plans to satisfy the Life Skills requirement. Prerequisites: ENGL 0106 or adequate reading/writing assessment scores	1	Life Skills	
ENGL 1113	English Composition I The student will write well-developed compositions which demonstrate the principles of unity, coherence, and organization and which contain specific details and vivid language. The students will locate library material and incorporate researched materials into compositions. Prerequisites: ENGL 0203, adequate placement score, or by meeting determined placement measures	3	Gen Ed	
PSY 1113	General Psychology A survey of the major areas of study in psychology such as motivation, learning, physiology, personality, social psychology, abnormal behavior, perception, memory, cognition/thought, and treatment. Prerequisites: ENGL 0203, adequate placement score, or by meeting determined placement measures	3	Gen Ed	
Term 2				
ENGL 1213	English Composition II In this advanced writing course, students will create essays that explore and evaluate a variety of issues and perspectives suggested by fiction, poetry, drama, essays, and other types of cultural texts. Students will refine and augment the writing techniques they learned in ENGL 1113 or ENGL 1103 to develop well- reasoned, well-structured arguments in a clear, fluid, and engaging prose style. Prerequisites: ENGL 1103 or ENGL 1113 taken within the last year, with strong encouragement for immediate continuation.	3	Gen Ed	
SOC 1113	Introduction to Sociology The student will identify the sociological dimensions of human behavior by analyzing the concepts of society, culture, socialization, institutions, social stratification and social change. Prerequisites: ENGL 0203, adequate placement score, or by meeting determined placement measures	3	Major	

Term 3

PHIL 1123	Critical Thinking	3	Gen Ed
	Critical Thinking provides opportunities for students to practice skills in both intellectual and personal development. Throughout the course, students will examine cognitive development, sound inductive argument development, biases and fallacies in decision formation, and problem solving skills. Students will apply these aspects of thought formation and critical thinking skills to writing development, goal setting, social analysis, and problem solving. This course satisfies three credit hours of the General Education humanities requirement for all Associates in Arts, Science, and Diversified Studies degrees.		
	Prerequisites: ENGL 1113		
SOC 2143	Race and Ethnicity in the U.S.	3	Major
	This course examines sociological theories of contact between minority and majority groups in a multicultural society, including topics such as prejudice, discrimination, acculturation, and pluralism.		
	Prerequisites: ENGL 0203, adequate placement score, or by meeting determined placement measures		

Term 4

COM 2213	Intro to Public Speaking	3	Gen Ed
	Given the principles of effective listening and speaking, the student will assimilate those skills into his or her physical and psychological worlds. After being exposed to public, business and professional speaking, the student will apply the principles of invention, organization, style, and delivery through practical exercises and will use the principles of rhetorical criticism in discussing speeches delivered in class.		
	Prerequisites: ENGL 0106 or adequate placement score		
PSY 2403	Developmental Psychology	3	Major
	This course will cover biopsychosocial aspects of human development throughout the lifespan.		
	Prerequisites: PSY 1113		

Term 5

HUM 2223	Humanities Modern	3	Gen Ed
	This course is a study of the humanities from the early Renaissance to the present. The student will recognize, interpret, and evaluate the interrelationship of art, architecture, literature, philosophy, and music and their legacies and impact on contemporary culture.		
	Prerequisites: ENGL 1113		
AHP 1013	Medical Terminology	3	Major
	After studying the root words, prefixes, and suffixes from which medical terms evolve, the student will correctly spell medical terms, define terms commonly used in medical fields, and determine the meaning of unfamiliar medical terms.		
	Prerequisites: ENGL 0203, adequate placement score, or by meeting determined placement measures		

Term 6

HIST 1483	U.S. History to 1877	OR	Gen Ed
	After analyzing events in American history from 1400 to 1877 in such areas as revolution, geographic and social mobility, political reform, government precedents and war, students will be able to identify patterns of present day mobility, describe governmental operations in their society and help resolve conflict in society based on the student's search for change, precedents, and conflict in the American past. A general education requirement.		
	Prerequisites: ENGL 0203, adequate placement score, or by meeting determined placement measures		
HIST 1493	U.S. History 1877 to Present	3	Gen Ed
	After analyzing events in American history from 1877 to the present in such areas as geographic and social mobility, political reform, government precedents and war, students will be able to identify patterns of present day mobility, describe governmental operations in their society and help resolve conflict in society based on the student's search for change, precedents, and conflict in the American past. A general education requirement.		
	Prerequisites: ENGL 0203, adequate placement score, or by meeting determined placement measures		
MATH 2013	Introduction to Statistics	3	Major
	The student will solve problems applying the concepts of random sampling, elementary probability, testing hypotheses, descriptive measures, chi-square, regression and correlation, and analysis of variance.		
	Prerequisites: MATH 0313 or adequate math placement; ENGL 0203, adequate placement score, or by meeting determined placement measures		

Term 7

BIO 1114	General Biology (Non Majors)	4	Gen Ed
	An introductory lab-based course that is designed to provide non-biological science major with the necessary background needed to effectively understand scientific information. Students investigate the properties of life to include: organization, energy use, evolution, maintenance of homeostasis, reproduction, growth, and development. Ecological concepts are discussed which enables students to have a better understanding regarding the impact that humans have on the natural world. Laboratory work is an integral and required part of this course.		
	Prerequisites: ENGL 0203 or adequate placement score or by meeting determined placement measures; MATH 0103 or adequate math placement.		
GEOG 2603	World Regional Geography	3	Gen Ed
	The student will examine the world's major cultural regions and determine the relationship between the physical environment and economic, social and political conditions.		
	Prerequisites: None		

Term 8

CHEM 1103	Chemistry Around Us	3	Gen Ed
	A course designed for students having no previous training in chemistry or for whom the study of chemistry will terminate with this experience. Upon completion of this course, the student will be able to discuss such fundamental concepts of chemistry as atomic structure and the periodic table, chemical bonding, nuclear energy, chemical elements and compounds, and the significance of carbon and some other elements to life itself.		
	Prerequisites: ENGL 0203, adequate placement score, or by meeting determined placement measures; MATH 0203 or adequate math placement.		
AHP 1222	First Aid and CPR	2	Major
	This course provides knowledge and practical experience in the emergency care of injuries and sudden illness, including cardiopulmonary resuscitation. This course includes content of the American Heart Association (AHA), Basic Life Support (BLS), and First Aid which meets the National Emergency Cardiovascular (ECC) standards. Students will receive AHA, BLS, and First Aid certifications upon satisfactorily completing this course.		
POLSC 1113	American Federal Government	3	Gen Ed
	A study of the principles, structure, processes and functions of the United States federal government.		
	Prerequisites: ENGL 0203, adequate placement score, or by meeting determined placement measures		

Term 9

BIO 1314	Human Anatomy and Physiology I	4	Major
	Through a systematic study of the structure and function of the human body, its cells, tissues, organs and systems, the student will identify and describe basic anatomical structures and fundamental physiological processes that occur in health and disease for the major body systems. Laboratory work which requires dissection is an integral and required part of the course.		
	Prerequisites: ENGL 0203 or adequate placement score or by meeting determined placement measures; MATH 0103 or adequate math placement. An adequate biology placement test score or BIO 0123 or a college-level biological science class.		
LEIS 1602	Total Wellness	2	Major
	Students will learn the different aspects of health including physical, mental, and emotional aspects. They will develop an understanding of health and be able to identify a healthy lifestyle. Students will also learn the different levels of physical fitness appropriate for different levels of development: childhood, adolescence, adulthood and older adulthood.		
	Prerequisites: ENGL 0203 College Prep English II		
SOC 2023	Social Problems	3	Gen Ed
	The student will use the sociological perspective to analyze and show the interrelationships among biological, psychological and social aspects of human problems.		
	Prerequisites: SOC 1113		

COURSE GROUPING

Major Courses: (23 Credit Hours): AHP 1222; SOC 1113; LEIS 1602; BIO 1314; SOC 2143;

PSY 2403; MATH 2013; AHP 1013

General Education Courses: (37 Credit Hours) English: ENGL 1113; ENGL 1213; POLSC 1113; History: HIST 1483 or HIST 1493; PHIL 1123; HUM 2223; SOC 2023; PSY 1113; GEOG 2603; COM 2213; CHEM 1103; BIO 1114

Life Skills Courses: (1 credit hour) Life Skills: SCL 1001

PROGRAM NOTES

Notes: This program is designed for students planning to continue their education at a four-year college or university. See University Parallel/Transfer Programs in the general information section of the catalog.

COURSE DESCRIPTIONS

ALLIED HEALTH

AHP 1013 - Medical Terminology

After studying the root words, prefixes, and suffixes from which medical terms evolve, the student will correctly spell medical terms, define terms commonly used in medical fields, and determine the meaning of unfamiliar medical terms.

Prerequisites: ENGL 0203, adequate placement score, or by meeting determined placement measures

Credits: 3

AHP 1222 - First Aid and CPR

This course provides knowledge and practical experience in the emergency care of injuries and sudden illness, including cardiopulmonary resuscitation. This course includes content of the American Heart Association (AHA), Basic Life Support (BLS), and First Aid which meets the National Emergency Cardiovascular (ECC) standards. Students will receive AHA, BLS, and First Aid certifications upon satisfactorily completing this course.

Credits: 2

BIOLOGICAL SCIENCE

BIO 1114 - General Biology (Non Majors)

An introductory lab-based course that is designed to provide non-biological science major with the necessary background needed to effectively understand scientific information. Students investigate the properties of life to include: organization, energy use, evolution, maintenance of homeostasis, reproduction, growth, and development. Ecological concepts are discussed which enables students to have a better understanding regarding the impact that humans have on the natural world. Laboratory work is an integral and required part of this course.

Prerequisites: ENGL 0203 or adequate placement score or by meeting determined placement measures; MATH 0103 or adequate math placement.

Credits: 4

BIO 1314 - Human Anatomy and Physiology I

Through a systematic study of the structure and function of the human body, its cells, tissues, organs and systems, the student will identify and describe basic anatomical structures and fundamental physiological processes that occur in health and disease for the major body systems. Laboratory work which requires dissection is an integral and required part of the course.

Prerequisites: ENGL 0203 or adequate placement score or by meeting determined placement measures; MATH 0103 or adequate math placement. An adequate biology placement test score or BIO 0123 or a college-level biological science class.

Credits: 4

CHEMISTRY

CHEM 1103 - Chemistry Around Us

A course designed for students having no previous training in chemistry or for whom the study of chemistry will terminate with this experience. Upon completion of this course, the student will be able to discuss such fundamental concepts of chemistry as atomic structure and the periodic table, chemical bonding, nuclear energy, chemical elements and compounds, and the significance of carbon and some other elements to life itself.

Prerequisites: ENGL 0203, adequate placement score, or by meeting determined placement measures; MATH 0203 or adequate math placement.

Credits: 3

COMMUNICATIONS

COM 2213 - Intro to Public Speaking

Given the principles of effective listening and speaking, the student will assimilate those skills into his or her physical and psychological worlds. After being exposed to public, business and professional speaking, the student will apply the principles of invention, organization, style, and delivery through practical exercises and will use the principles of rhetorical criticism in discussing speeches delivered in class.

Prerequisites: ENGL 0106 or adequate placement score

Credits: 3

ENGLISH

ENGL 1113 - English Composition I

The student will write well-developed compositions which demonstrate the principles of unity, coherence, and organization and which contain specific details and vivid language. The students will locate library material and incorporate researched materials into compositions.

Prerequisites: ENGL 0203, adequate placement score, or by meeting determined placement measures

Credits: 3

ENGL 1213 - English Composition II

In this advanced writing course, students will create essays that explore and evaluate a variety of issues and perspectives suggested by fiction, poetry, drama, essays, and other types of cultural texts. Students will refine and augment the writing techniques they learned in ENGL 1113 or ENGL 1103 to develop well-reasoned, well-structured arguments in a clear, fluid, and engaging prose style.

Prerequisites: ENGL 1103 or ENGL 1113 taken within the last year, with strong encouragement for immediate continuation.

Credits: 3

GEOGRAPHY

GEOG 2603 - World Regional Geography

The student will examine the world's major cultural regions and determine the relationship between the physical environment and economic, social and political conditions.

Prerequisites: None

Credits: 3

HISTORY

HIST 1483 - U.S. History to 1877

After analyzing events in American history from 1400 to 1877 in such areas as revolution, geographic and social mobility, political reform, government precedents and war, students will be able to identify patterns of present day mobility, describe governmental operations in their society and help resolve conflict in society based on the student's search for change,

precedents, and conflict in the American past. A general education requirement.

Prerequisites: ENGL 0203, adequate placement score, or by meeting determined placement measures

Credits: 3

HIST 1493 - U.S. History 1877 to Present

After analyzing events in American history from 1877 to the present in such areas as geographic and social mobility, political reform, government precedents and war, students will be able to identify patterns of present day mobility, describe governmental operations in their society and help resolve conflict in society based on the student's search for change, precedents, and conflict in the American past. A general education requirement.

Prerequisites: ENGL 0203, adequate placement score, or by meeting determined placement measures

Credits: 3

HUMANITIES

HUM 2223 - Humanities Modern

This course is a study of the humanities from the early Renaissance to the present. The student will recognize, interpret, and evaluate the interrelationship of art, architecture, literature, philosophy, and music and their legacies and impact on contemporary culture.

Prerequisites: ENGL 1113

Credits: 3

LEISURE

LEIS 1602 - Total Wellness

Students will learn the different aspects of health including physical, mental, and emotional aspects. They will develop an understanding of health and be able to identify a healthy lifestyle. Students will also learn the different levels of physical fitness appropriate for different levels of development: childhood, adolescence, adulthood and older adulthood.

Prerequisites: ENGL 0203 College Prep English II

Credits: 3

MATHEMATICS

MATH 2013 - Introduction to Statistics

The student will solve problems applying the concepts of random sampling, elementary probability, testing hypotheses, descriptive measures, chi-square, regression and correlation, and analysis of variance.

Prerequisites: MATH 0313 or adequate math placement; ENGL 0203, adequate placement score, or by meeting determined placement measures

Credits: 3

PHILOSOPHY

PHIL 1123 - Critical Thinking

Critical Thinking provides opportunities for students to practice skills in both intellectual and personal development. Throughout the course, students will examine cognitive development, sound inductive argument development, biases and fallacies in decision formation, and problem solving skills. Students will apply these aspects of thought formation and critical thinking skills to writing development, goal setting, social analysis, and problem solving. This course satisfies three credit hours of the General Education humanities requirement for all Associates in Arts, Science, and Diversified Studies degrees.

Prerequisites: ENGL 1113

Credits: 3

POLITICAL SCIENCE

POLSC 1113 - American Federal Government

A study of the principles, structure, processes and functions of the United States federal government.

Prerequisites: ENGL 0203, adequate placement score, or by meeting determined placement measures

Credits: 3

PSYCHOLOGY

PSY 1113 - General Psychology

A survey of the major areas of study in psychology such as motivation, learning, physiology, personality, social psychology, abnormal behavior, perception, memory, cognition/thought, and treatment.

Prerequisites: ENGL 0203, adequate placement score, or by meeting determined placement measures

Credits: 3

PSY 2403 - Developmental Psychology

This course will cover biopsychosocial aspects of human development throughout the lifespan.

Prerequisites: PSY 1113

Credits: 3

SOCIOLOGY

SOC 1113 - Introduction to Sociology

The student will identify the sociological dimensions of human behavior by analyzing the concepts of society, culture, socialization, institutions, social stratification and social change.

Prerequisites: ENGL 0203, adequate placement score, or by meeting determined placement measures

Credits: 3

SOC 2023 - Social Problems

The student will use the sociological perspective to analyze and show the interrelationships among biological, psychological and social aspects of human problems.

Prerequisites: SOC 1113

Credits: 3

SOC 2143 - Race and Ethnicity in the U.S.

This course examines sociological theories of contact between minority and majority groups in a multicultural society, including topics such as prejudice, discrimination, acculturation, and pluralism.

Prerequisites: ENGL 0203, adequate placement score, or by meeting determined placement measures

Credits: 3

SUCCESS IN COLLEGE AND LIFE

SCL 1001 - Success in College and Life

Students will learn best practices for academic, career, and personal success. Students will discover their individual strengths, interests, and values to create a personalized plan; select and utilize resources that are applicable to their growth and success; and engage as active and responsible members of the academic community. This course should be taken during a student's first semester of college work at Oklahoma City Community College and is a required course in degree plans to satisfy the Life Skills requirement.

Prerequisites: ENGL 0106 or adequate reading/writing assessment scores

Credits: 1

